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Sir:

Transmitted herewith for filing is the patent application of:

Inventor:

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Robert Klaus

For:

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INTERACTIVE SYSTEM AND METHOD FOR SELLING INSURANCE

Enclosed are:

X Abstract of the Disclosure (1 page) and

53 Pages of Specification and Claims

___X __ Declaration and Power of Attorney (Unsigned)

___X The filing fee has been calculated as shown below:

			SMALL	ENTITY		THAN A ENTITY
FOR	NO. FILED	NO. EXTRA	RATE	FEE	RATE	FEE
BASIC FEE	*****	*****	****	\$ 345	or ****	\$ 690
TOTAL CLAIMS	20 2	20 =0	x 9=	\$	or x18=	\$0
INDEP. CLAIM	S <u>5</u> -	3 =2	x39=	\$	or x78=	\$_156
MULTIPLE DEP	ENDENT CLAIM F	PRESENTED 0	+130	\$	or +260=	\$0
			TOTAL	\$	or TOTAL	\$ 846

X The Commissioner is hereby authorized to charge any additional fees which may be required, or credit any overpayment, to Account No. 12-1660. A duplicate copy of this sheet is attached.

 \underline{X} Our check No. $\underline{12560}$ is also enclosed to cover, among other items, the above filing fee.

Respectfully submitted,

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1	INTERACTIVE SYSTEM AND METHOD FOR SELLING INSURANCE
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3	Background of the Invention
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5	The present invention relates to an interactive system
6	and method for selling insurance including reinsurance.
7	Insurance is used to redistribute risks. Insurers or
8	risk carriers assume portions of the risks of their
9	customers or insureds in exchange for premiums. Insureds
10	may also be referred to as cedents in that they cede risks
11	to a risk carrier or insurer. Reinsurance is used by
12	insurance companies to redistribute their exposure to other
13	insurers. In a reinsurance agreement, an insurer (often
14	referred to as a primary insurer or ceding company)
15	transfers or cedes some or all of its exposures and premiums
16	to a reinsurer. The reinsurer then agrees to indemnify the
17	ceding company for a predetermined type and amount of losses
18	sustained.
19	It is important to understand that insurers, including
20	primary insurers and reinsurers, are regulated as to the
21	amount of insurance they can write, or risk that they can
22	assume, based on the amount of surplus funds they hold. The

capacity of an insurer generally refers to the monetary

- 1 amount of insurance or risk of loss which the insurer can
- 2 agree to cover based upon their surplus funds. An insurance
- 3 company can increase its capacity to allow it to write more
- 4 policies or to write policies with higher limits by
- 5 reinsuring a portion of its covered risks.
- 6 There are two broad types of reinsurance contracts:
- 7 treaty and facultative. Treaty reinsurance involves an
- 8 agreement in which the primary insurer agrees in advance to
- 9 cede certain classes of business or types of insurance to
- 10 the reinsurer. For example, part of the primary insurer's
- 11 business may be aviation insurance, through which the
- 12 primary insurer provides aviation insurance to multiple
- 13 commercial airliners. Under a treaty reinsurance contract,
- 14 the reinsurer would agree to reinsure some portion of the
- 15 risk of all of the primary insurer's aviation insurance
- 16 contracts. Individual risks are not underwritten or
- 17 discussed; the reinsurer relies on the primary insurer to
- 18 accept only risks that fall within acceptable underwriting
- 19 criteria and reinsures all risks that fall within the
- 20 reinsurance treaty agreement. Facultative reinsurance, on
- 21 the other hand, involves separate reinsurance agreements for
- 22 each risk or policy that is being reinsured.

1 In addition to the broad types of reinsurance

- 2 contracts, treaty or facultative, there are also various
- 3 ways in which the parties may share or cede the risks. Two
- 4 broad classifications of risk sharing arrangements are
- 5 referred to as Proportional Arrangements or Excess
- 6 Arrangements.
- 7 In a proportional agreement, a certain portion of every
- 8 risk covered by the agreement is ceded. The primary insurer
- 9 and reinsurer share a portion of all insurance, premiums and
- 10 losses in the same amount. The primary insurer is paid a
- 11 commission in exchange for ceding the risk portion and
- 12 premium to the reinsurer. A proportional agreement may be
- 13 written on a quota share or surplus share basis.
- In a quota share agreement, the primary insurer's
- 15 retention (retained risk) is stated as a percentage of the
- 16 amount insured. The insurer retains the same percentage of
- insurance, premium and losses and cedes the rest to the
- 18 reinsurer, subject to a reinsurance limit. In a surplus
- 19 share treaty, the primary insurer's retention (retained
- 20 risk) is stated as a fixed monetary amount of the amount
- 21 insured. The primary insurer retains a fixed monetary
- 22 amount of all insurance, premium and losses that fall within
- 23 the agreement and cedes the rest to the reinsurer. In

- 1 either case, a commission is typically paid to the insurer
- 2 in return for the premium ceded.
- 3 To illustrate the differences between quota share and
- 4 surplus share, assume that a primary insurer wants to write
- 5 a policy for a property risk valued at \$1,000,000. In a
- 6 quota share arrangement with a 25% retention, the primary
- 7 insurer would retain \$250,000 of the property risk and cede
- 8 \$750,000 to the reinsurer. However, if the property risk
- 9 were valued at \$2,000,000 under the same quota share
- 10 arrangement, the insurer would retain \$500,000 and cede
- 11 \$1,500,000. In a surplus share treaty, the primary insurer
- 12 may choose to retain \$250,000 of each property risk insured.
- 13 The primary insurer thus would retain \$250,000 on both a
- 14 \$1,000,000 property risk, ceding \$750,000, and on a
- 15 \$2,000,000 property risk, ceding \$1,750,000.
- 16 In an excess reinsurance agreement, only losses are
- 17 ceded to the reinsurer. The primary insurer retains the
- 18 amount of insurance and premium, and commissions are not
- 19 normally paid. Three standard types of excess agreements
- 20 are per risk excess, per occurrence excess, and aggregate
- 21 (stop loss) excess.
- 22 In an aggregate excess agreement, the retention is
- 23 calculated based on all losses over a period of time stated

- 1 in the agreement. The retention may be stated in a monetary
- 2 amount, a loss ratio, or some combination of the two.
- In per risk excess arrangements, losses above a certain
- 4 monetary amount are ceded to the reinsurer, which is
- 5 responsible for all losses from any one exposure above this
- 6 monetary amount up to the reinsurance limit. Per occurrence
- 7 or per loss excess arrangements are similar to per risk
- 8 arrangements. However, the retention is stated as an amount
- 9 incurred per occurrence. An occurrence may be one
- 10 hurricane, one flood or one accident that results in
- 11 liability claims.
- The difference between per risk and per occurrence
- 13 excess can be illustrated in the following example in which
- 14 a hurricane damages 100 covered homes in a given area. If
- 15 the primary insurer ceded the losses on a per risk basis
- 16 with a \$10,000 retention, it would be responsible for the
- 17 \$10,000 retention on each of the 100 homes, or \$1,000,000.
- 18 However, on a per occurrence basis, the primary insurer may
- 19 have retained \$250,000 per occurrence, in which case the
- 20 primary insurer would have to pay \$250,000 and the reinsurer
- 21 would be responsible for the rest of the losses up to the
- 22 reinsurance limit.

Original Loss Warranty ("OLW") protection is a type of

2 per occurrence excess agreement in which the reinsurer pays

- 3 the reinsurance cover amount only if the total amount of a
- 4 covered loss exceeds a set amount or trigger point. OLW
- 5 protection is often utilized in high risk insurance such as
- 6 aviation, space and energy/marine. In such high risk
- 7 insurance, the risk is often spread among multiple carriers,
- 8 each covering a portion of the total risk.
- 9 The following example is provided to illustrate
- 10 possible application of OLW protection in a high risk
- insurance, namely aviation insurance.
- 12 A primary insurer of International Airline accounts
- 13 seeks reinsurance for its portfolio of aviation insurance
- 14 contracts. The primary insurer's portfolio includes a 10%
- line (i.e. it receives 10% of the premiums and must pay 10%
- of each claim) on aviation insurance for a first airline
- 17 which runs for 12 months beginning on January 1, a 5% line
- on aviation insurance for a second airline, effective 12
- 19 months beginning on April 1; and numerous other insurance
- 20 policies with different various percentages of participation
- 21 and policy periods. The primary insurer's exposure out of
- 22 these various contracts is very high and the primary insurer
- 23 seeks reinsurance to reduce its exposure.

OLW protection for such a portfolio might be structured 1 such that the reinsurance contract provides for a cover 2 3 amount of \$3,000,000 if any one of the insureds covered by 4 an aviation insurance policy in the primary insurer's 5 portfolio has a loss which exceeds a trigger point of \$750,000,000 during the period of the reinsurance contract 6 7 in exchange for a premium of \$800,000. It does not matter 8 which of the primary insurer's insureds suffers the loss, nor the primary insurer's participation in the insurance 10 contract of the insured suffering the loss. occurs during the reinsurance policy period which exceeds 11 12 the trigger point, the reinsurer pays the reinsurance cover 13 amount. Historically, reinsurance contracts have been initiated 14 15 by the primary insurer, or by a broker on behalf of the 16 primary insurer, which approaches a reinsurer and requests 17 coverage of a certain amount of its portfolio. 18 underwriter for the reinsurer then evaluates performance data for the primary insurer and evaluates the risk 19 20 associated with the requested reinsurance amount and decides 21 how much coverage or capacity the reinsurer is willing and 22 able to offer and under what financial and legal terms.

This offer is then either accepted or declined by the

- 1 cedent. This process is typically effected by telephone,
- 2 fax, letter and personal contact and may involve ongoing
- 3 negotiations as to the financial and legal terms or the
- 4 amount of capacity offered. These are essentially the same
- 5 methods used for selling most types of insurance.
- 6 The historical method of marketing or selling
- 7 insurance, including reinsurance, limits the ability of the
- 8 insurer to be proactive in its effort to sell its insurance
- 9 services and often results in inefficiencies in utilization
- 10 of the insurer's capacity.

Summary of the Invention

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- 14 The present invention comprises a system and method for
- 15 ceding risks from insureds or cedents to a risk carrier or
- 16 insurer over a computer network. The system and method are
- 17 particularly well adapted for use in forming reinsurance
- 18 contracts. The system includes an application server on
- 19 which an application is installed. The "application"
- 20 includes an application engine and supporting data and
- 21 program files. The application interfaces with a database
- 22 of selected information of selected cedents. The
- 23 application server is remotely accessible by the cedents

1 through a computer network and in particular through the

- 2 internet.
- 3 An initial step of the method involves calculating a
- 4 risk assumption capacity of the risk carrier and entering
- 5 the capacity into the application as available risk
- 6 assumption capacity. Another preliminary step involves
- 7 identifying potential customers or cedents having classes of
- 8 insurance or risks, portions of which the risk carrier is
- 9 willing to assume under selected terms. The risk carrier
- 10 then develops proposals to assume selected risks of the
- 11 potential cedents and posts the proposals on the system such
- 12 that the proposals are viewable by the cedents through the
- 13 computer network. The application permits the cedents to
- 14 electronically submit a proposal directed to or associated
- 15 with it, as an offer, for acceptance by the risk carrier.
- 16 The application electronically accepts the offer and sends
- 17 confirmation of acceptance of the offer to the cedent.
- 18 Upon acceptance of an offer, the application
- 19 recalculates the available risk assumption capacity by
- 20 reducing the available risk assumption capacity by the
- 21 amount of risk assumed. The application then electronically
- 22 withdraws from view and availability for submission by the
- 23 cedents any proposals, the acceptance of which would reduce

- 1 the available risk assumption capacity below the selected
- 2 amount.
- 3 The system is preferably designed such that proposals
- 4 for a specific cedent are viewable only by that cedent. A
- 5 specific cedent gains access to its proposals through a
- 6 secure server using a user identification designation or
- 7 user ID and password. Each cedent may view a listing of one
- 8 or more proposals submitted for its consideration. The
- 9 listing includes a brief summary of important financial
- 10 terms of the proposal. The cedent may view additional
- 11 details concerning each proposal, including additional
- 12 financial terms and wording of contractual terms of the
- 13 proposal, by selecting a proposal from the listing and then
- 14 linking to additional pages for the selected proposal.
- The system also preferably generates a separate listing
- 16 for each cedent of each of the agreements it has entered
- into with the risk carrier, resulting from proposals which
- 18 the cedent submitted through the system and accepted by the
- 19 risk carrier. The listing of agreements provides a brief
- 20 summary of important financial terms of the agreement. The
- 21 cedent may view additional details concerning each
- 22 agreement, including additional financial terms and the
- 23 wording of contractual terms of the proposal, by selecting a

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1 particular agreement from the listing and then linking to 2. additional pages for the selected agreement. 3 The listing of agreements is automatically updated upon 4 acceptance of an offer by the carrier. More specifically, 5 upon acceptance of an offer by the application, the data 6 relating to a proposal is removed from the listing of 7 proposals and added to the listing of agreements. 8 9 Objects and Advantages of the Invention 10 11 The objects of this invention include providing a system and method for efficiently ceding monetary risks, 12 13 selling insurance capacity or processing insurance 14 contracts; to provide such a system and method which allows 15 a risk carrier to post currently available proposals for 16 insurance coverage on a computer network to allow potential 17 customers or cedents to readily access and view proposed 18 financial and legal terms of currently available coverage; to provide such a system which allows a potential risk 19 20 cedent to select and electronically submit a proposal as an

offer for acceptance by the risk carrier; to provide such a

system and method which allows the risk carrier to

electronically accept such an offer; to provide such a

- 1 system which recalculates the risk carrier's available
- 2 capacity upon acceptance of an offer to decrement the
- 3 capacity accordingly; to provide such a system which removes
- 4 from accessibility or view any proposals whose acceptance
- 5 would exceed the then available capacity; to provide such a
- 6 system which will notify the cedent upon submission of a
- 7 proposal as to whether the offer is accepted or not; to
- 8 provide such a system which allows the cedents to view the
- 9 insurance agreements currently in force between it and the
- 10 risk carrier; and to provide such a system which provides
- 11 participating cedents secure access to view only those
- 12 proposals specifically developed for it and to submit as
- 13 offers only those proposals developed for it.
- Other objects and advantages of this invention will
- 15 become apparent from the following description taken in
- 16 conjunction with the accompanying drawings wherein are set
- 17 forth, by way of illustration and example, certain
- 18 embodiments of this invention.
- 19 The drawings constitute a part of this specification
- 20 and include exemplary embodiments of the present invention
- 21 and illustrate various objects and features thereof.

1	Brief Description of the Drawings
2	
3	Fig. 1 is a block diagram illustrating an interactive
4	system for use in practicing the method of the present
5	invention including a system server.
6	Fig. 2 is a user specific entry page generated by the
7	system server and viewable by a user of the interactive
8	system providing links to other pages.
9	Fig. 3 is a user specific Proposals page generated by
10	the system server and providing a listing of proposals
11	available to the user with a specific proposal selected.
12	Fig. 4 is a user specific Agreements page generated by
13	the system server and providing a listing of existing
14	agreements for reinsurance.
15	Fig. 5 is a Proposal Details page generated by the
16	system server and corresponding to the proposal selected in
17	Fig. 3.
18	Fig. 6 is a Submit Proposal page generated by the
19	system server for use in submitting the proposal selected.
20	Fig. 7 is a Acceptance Confirmation page generated by
21	the server to confirm acceptance of the proposal submitted.
22	Fig. 8a is revised Proposals page generated after
23	acceptance of the proposal selected in Fig. 3.

1 Fig. 8b is an alternative version of the revised Proposals page generated after acceptance of the proposal 2 3 selected in Fig. 3. Fig. 9 is a revised Agreements page generated after 4 5 acceptance of the proposal selected in Fig. 3. Fig. 10 is a flow chart of the steps of the interactive 6 7 system and method of entering into contracts for the 8 assumption of risks. 9 10 Detailed Description of the Invention 11 12 As required, detailed embodiments of the present 13 invention are disclosed herein; however, it is to be 14 understood that the disclosed embodiments are merely 15 exemplary of the invention, which may be embodied in various 16 forms. Therefore, specific details disclosed herein are not 17 to be interpreted as limiting, but merely as a basis for the 18 claims and as a representative basis for teaching one 19 skilled in the art to variously employ the present invention 20 in virtually any appropriately detailed system. 21 Referring to the drawings in more detail, Figure 1 is 22 illustrative of an interactive system or computer network 1

for use in carrying out the methodology of the present

- 1 invention for marketing and selling insurance and in
- 2 particular reinsurance. Although the network 1 shown and
- 3 described utilizes the internet, it is to be understood that
- 4 the methodology of the present invention could be practiced
- 5 utilizing other computer or communications networks.
- The preferred embodiment is described with reference to
- 7 sales of OLW (original loss warranty) type reinsurance.
- 8 However, it is to be understood that the methodology and
- 9 system of the present invention can be utilized to sell
- 10 other forms of reinsurance or insurance and in general for
- 11 entering into agreements to assume risks of others.
- 12 The network 1 is preferably conventional for internet
- 13 applications and includes a database 5, an application
- 14 server 6, a web server 7 and a firewall 8 which are
- 15 selectively accessible through the internet 9 from computers
- 16 10 of end users. As used herein the database 5, the
- 17 application server 6, web server 7, firewall 8 and software
- 18 run thereon to store, provide access to and manipulate data
- 19 stored in the database 5 or on the servers 6 and 7 and 8,
- 20 may collectively be referred to as a server or system server
- 21 15. The system server 15 is generally assembled, operated,
- 22 maintained and connected to the internet 9 by or under the
- 23 authority of a reinsurer.

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The end users comprise existing and/or potential

2 clients or customers of a reinsurer or their brokers,

3 representatives or agents. The customers may also be

4 referred to as cedents or primary insurers. The customers

5 use web browsers on their computers 10 to connect to the

6 system server. The system server 15 responds to requests

7 and commands received from the end user's browser, to

generate pages responsive thereto as part of the methodology

9 of the present invention.

Implementation of the interactive system and method requires some preliminary steps which do not necessarily occur sequentially, may occur simultaneously or may occur intermittently over an extended period of time. At an early stage of the process, the reinsurer must determine its overall capacity or the monetary value of risks that it can assume. A reinsurer's capacity is typically calculated on an annual basis just prior to the time for negotiating new or renewing old contracts. The reinsurer must also

determine what types or classes of reinsurance it intends to

20 sell utilizing the interactive system 1 and what portion of

21 its overall capacity it wants to allocate to each type or

22 class of reinsurance.

In another preliminary step, the reinsurer solicits and 1 enrolls or selects cedents, or their representatives, to 2 utilize the interactive system to purchase reinsurance from 3 the reinsurer. The reinsurer sets up separate data records, accounts or files for each primary insurer or user in the 5 system server 15. Upon enrolling a user to utilize the 6 interactive system 1, the reinsurer provides the user with a 7 unique user identification designation (User ID) and a 8 password to provide the user secure access to selected 9 information in the system server 15. 10 The reinsurer prepares or formulates proposals 11 comprising the financial and legal terms of reinsurance 12 contracts it is willing to enter into in the classes of 13 reinsurance it intends to sell through the interactive 14 system 1. The reinsurer will typically utilize established 15 contract language for the proposals and vary the financial 16 terms depending on then current market conditions and its 17 current capacity. The proposals are input into or posted on 18 the system server 15 so as to be viewable by end users on 19 their computers 10 as discussed in more detail below. 20 terms of the proposals may be modified at appropriate 21

intervals, such as to modify the proposal language in

- 1 response to changes in the law or to clarify certain
- 2 provisions of the proposals.
- 3 The reinsurer must determine which proposals it wants
- 4 to make available to which cedents. For example, the
- 5 reinsurer may have two separate proposals to provide
- 6 reinsurance for aviation insurance portfolios and ten
- 7 different selected primary insurers who have aviation
- 8 insurance portfolios. The reinsurer may decide to make a
- 9 first aviation proposal available to all ten of the primary
- 10 insurers and a second aviation proposal available to only
- 11 six of the primary insurers.
- 12 The decision on which cedents to make available certain
- 13 proposals will depend in large part on underwriting
- 14 considerations and an understanding of the cedents'
- 15 business. As part of the preliminary steps, the reinsurer
- 16 evaluates insurance portfolios of each of the selected
- 17 primary insurers or cedents for which it is considering
- 18 making available reinsurance capacity. An insurance
- 19 portfolio generally refers to all of the insurance policies
- 20 issued by an insurer which fall within a specific class of
- 21 business. More specifically, an insurer's insurance
- 22 portfolio may refer to all of the insurance policies issued
- 23 by an insurer which fall within the criteria for the type of

- 1 insurance for which the reinsurer is willing to make
- 2 available a proposal for reinsurance. As an example, for
- 3 OLW coverage for worldwide aviation lines, an insurer's
- 4 portfolio would be all of its aviation policies providing
- 5 worldwide coverage which are in force during the proposed
- 6 term of reinsurance coverage.
- 7 Based on the underwriting or evaluation of the
- 8 insurance portfolios, as well as other business
- 9 considerations, the reinsurer will determine which proposals
- 10 to make available to which cedents. The proposals are
- 11 entered into the system server 15, and the system server 15
- is programmed to associate each of the proposals with
- 13 selected cedents, as determined by the reinsurer.
- 14 The reinsurer also determines a capacity which is
- 15 allocated to each type of proposal. For example, if the
- 16 reinsurer allocates ten million dollars in risk assumption
- 17 for the first aviation proposal and the covered amount or
- 18 risk of loss for each of the first aviation policies is two
- 19 million dollars, the reinsurer only has the capacity to
- 20 enter into five contracts based on the first aviation
- 21 proposal. This capacity may be referred to as a per
- 22 occurrence capacity.

The reinsurer also determines a capacity for each 1 cedent which may be referred to as a cedent capacity. The 2 cedent capacity generally comprises the maximum risk of loss 3 the reinsurer is willing to assume from a particular cedent. 4 The cedent capacity will vary by cedent. Values for the per 5 occurrence capacities and the cedent capacities are entered 6 into the system server 15 and collectively may be referred 7 to as the allocated capacity. The available allocated 8 capacity generally refers to the amount of allocated 9 capacity which remains available at any given time and which 10 the reinsurer or risk carrier has not yet utilized through 11

Once the preliminary steps are completed, the users are 13 notified that the system 1 is available for use. 14 Alternatively, the selected users could be notified that the 15 system 1 will be available for use on a predetermined date 16 by which the reinsurer will have completed the preliminary 17 steps. Most of the preliminary steps will be repeated on an 18 annual basis. Each year the reinsurer will determine 19 whether to enroll the same or additional users, recalculate 20 its capacity, determine what proposals to make available to 21 the various cedents, determine how to allocate its per 22

entering into an agreement with a cedent.

- 1 occurrence capacity and cedent capacity, and reinitialize
- 2 those values in the system server.
- 3 To access the proposals on the system 1, a user or
- 4 cedent, connects to a login page (not shown) generated by
- 5 the system server 15. Following prompts, the user enters
- 6 its User ID and password and clicks on a login button or
- 7 enter button to access pages containing a information on
- 8 proposals being made available to it and to access pages on
- 9 reinsurance contracts it has already entered into with the
- 10 reinsurer. Upon clicking the login button, a user specific
- 11 entry page 18 (See Fig. 2) is generated for view by the
- 12 user. The entry page 18 includes a button bar 19 with
- 13 buttons to link to other pages including a Proposals button
- 14 20 to link to a user specific Proposals page 21 (See Fig. 3)
- and an Agreements button 22 to link to a user specific
- 16 agreements page 23 (See Fig. 4). As will be discussed in
- 17 more detail below, the Proposals page 21 includes a listing
- 18 of proposals which are currently available for
- 19 consideration, and the Agreements page 23 provides a similar
- 20 listing of reinsurance agreements which the parties have
- 21 entered into and are in force.
- Buttons are also provided on the button bar 19 of the
- 23 entry page 18 to link to non-user specific pages (not shown)

- 1 including a Home page for the Reinsurer, a Contact Us page
- 2 providing information to contact the Reinsurer and e-mail
- 3 links for the Reinsurer, a Terms and Conditions page
- 4 providing the terms and conditions of use of the interactive
- 5 system 1, a Help page providing information to assist in use
- of the interactive system 1 and a Logout page. In a
- 7 preferred embodiment, the users enter into a written
- 8 agreement with the reinsurer covering use of the interactive
- 9 system 1 before the system is made available to the user for
- 10 ^ use.
- 11 Clicking, selecting or pushing on the Proposals button
- 12 20 causes the server 15 to generate the user specific
- 13 Proposals page 21. An exemplary Proposals page 21 for user
- 14 XYZ, Inc. is shown in Figure 3. The Proposals page 21
- provides a listing 28 of each of the proposals currently
- 16 available for consideration by the specific cedent which, in
- 17 the example shown, is XYZ, Inc. The listing 28 is generally
- 18 presented in a table format, with each row 30 summarizing
- 19 the main terms of each separate proposal. Listing 28, in
- 20 Fig. 3, includes five proposals in rows 30a-e.
- The first column 31 of each row includes a selection
- 22 button or icon 32 over which a cursor can be positioned and
- 23 clicked or activated to select the proposal as summarized in

- 1 that row 30. As indicated in Fig. 3, by the dot 33, the
- 2 proposal corresponding to the first or upper row 30a has
- 3 been selected.
- 4 Specific information or terms concerning each proposal
- 5 are provided in remaining columns 35 under the appropriate
- 6 headings, including the "Class of Business" or line of
- 7 insurance, the original loss warranty amount or "OLW" in
- 8 millions of dollars, the reinsurance amount or "Limit
- 9 Upfront", the "ROL Upfront" or rate on line which is used to
- 10 calculate the premium, the "Cover Basis", the beginning date
- 11 ("Term from") and ending date ("Term to") of the policy
- 12 term, the "Territory", the "Reinstatement" rate and the
- 13 event "Coverage".
- 14 A Details button 36 and a Refresh button 37 are also
- provided on the Proposals page 21. Clicking on the Refresh
- 16 button 37 reloads the user specific Proposals page 21 to
- 17 permit the user to verify that all of the proposals listed
- 18 remain available and have not been withdrawn from
- 19 consideration as will be discussed in more detail below.
- 20 Clicking on the Details button 36, after selecting a
- 21 proposal by clicking on the corresponding selection button
- 22 32, causes the server 15 to generate Proposal Details pages
- 23 40 as generally shown in Fig. 5. The Proposals page 21 may

- 1 include additional information including instructions on how
- 2 to select a proposal and link to the Proposal Details pages
- 3 40 for each proposal, instructions on how to submit a
- 4 proposal as an offer for acceptance, or instructions on
- 5 contacting the reinsurer if no proposals are listed as being
- 6 available or if the user has additional questions concerning
- 7 use of the system 1.
- 8 Fig. 5 shows a first page 41 of the Proposal Details
- 9 pages 40 corresponding to the proposal shown as selected in
- 10 Figure 3. The page 41 includes a partial listing 43 of the
- 11 terms of the selected proposal corresponding to the terms as
- 12 shown on the Proposals page 21. Additional terms may also
- 13 be included in this listing 43. For example, listing 43
- 14 includes a term generally referred to as the "Priority" for
- 15 the proposal which relates to the liability of the reinsurer
- 16 if and when the loss paid by the cedent for the loss exceeds
- 17 the Priority amount. Other terms may be listed elsewhere on
- 18 the page 41 including when payment is due.
- 19 A variable coverage box 45 is provided on page 41, in
- 20 association with the heading for Limit Upfront, to allow the
- 21 user to vary the Limit Upfront or coverage amount. In
- 22 particular, by clicking on the drop down arrow or icon 46, a
- 23 drop down box (not shown) appears providing alternative

- 1 coverage amounts in decreasing value. For example, the
- 2 values shown in the drop down box for selection box 45 could
- 3 range in descending order in one million dollar increments
- 4 from six million dollars to one million dollars. To select
- 5 a different value for the Limit Upfront, the user, places
- 6 the curser on the selected amount and clicks on that amount,
- 7 which will then appear in the selection box 45 and the drop
- 8 down box will disappear. The default value in the selection
- 9 box 45 is the maximum amount of coverage available through
- 10 the proposal.
- 11 The first page 41 (Fig. 5) of the Proposal Details
- 12 pages 40 also provides a Yes/No selection box 48 for the
- 13 user to indicate whether a broker will be involved in the
- 14 sale and if so a broker identification box 49 is provided to
- 15 allow the user to fill in the name and address of the broker
- 16 or other requested information. A Your Reference box 50 is
- 17 provided for the user to fill in a reference number or code
- 18 selected by the user to identify the proposal or resulting
- 19 transaction,
- 20 At the bottom of page 41 a listing 54 of headings for
- 21 applicable contractual clauses for the proposal is provided.
- 22 The listing 54 carries over to additional pages of the
- 23 Proposal Details pages 40 (or additional portions of the

- 1 first page 41) which are not shown. A Wording button 55 is
- 2 positioned adjacent each heading in the listing 54 of
- 3 applicable clauses. The user clicks on the Wording buttons
- 4 55 to generate additional pages (not shown) including the
- 5 full text of the selected clause. Any of the pages
- 6 generated by the server may be printed by the user on a
- 7 printer associated with the user's computer 10.
- 8 The first page 41 of the Proposal Details pages 40 also
- 9 includes a Next button 60 and a Cancel button 61. Selecting
- or pressing the Cancel button 61 cancels any of the changes
- 11 made to the Proposal Details page 40 in boxes 46, 48, 49 or
- 12 50, and returns the user to the Proposals page 21.
- 13 Instructions 63 are provided on the first page 41 of
- 14 the Proposal Details page 40 instructing a user on how to
- 15 submit a proposal for acceptance. The instructions 63
- 16 generally instruct the user to enter data where requested
- 17 and to click on the Next button 60 to submit the proposal
- 18 corresponding to the information presented on the Proposal
- 19 Details page 40. Clicking on the Next button 60 causes the
- 20 system server 15 to generate a corresponding Submit Proposal
- 21 page 65 as generally shown in Fig. 6.
- The Submit Proposal page 65 includes a listing 68 of
- 23 the basic terms of the proposal, including data entered by

- the user. For example, the Limit Upfront shown on the
- 2 Submit Proposal page 65 corresponds to the Limit Upfront
- 3 selected by the user on the Proposal Details page 40. Other
- 4 data entered in the Proposal Details page 40 is also
- 5 displayed on the Submit Proposal page 65 including whether a
- broker will be involved, and if so, the broker's name and
- 7 address, and the users reference code. The Submit Proposal
- 8 page 65 provides the user a final opportunity to review the
- 9 basic terms of the proposal prior to submission for
- 10 acceptance.
- The Submit Proposal page 65 also includes a submit
- button 71, a back button 72 and a cancel button 73.
- 13 Clicking on the cancel button 73, returns the user to the
- 14 Proposals page 21 and cancels any of the changes made to the
- Proposal Details page 40 in boxes 46, 48, 49 or 50.
- 16 Clicking on the back button 72 returns the user to the
- 17 corresponding Proposal Details page 40. The user may elect
- 18 to return to the Proposal Details page 40 to change data
- 19 entries or confirm wording of some of the clauses of the
- 20 proposal. Instructions 75 are also provided on the Submit
- 21 Proposal page 65 instructing the user to review the basic or
- 22 general terms and then click the submit button 71 if the
- user wants to submit the proposal for acceptance.

When the user clicks on the submit button 71, the 1 system server 15 generates an acceptance confirmation page 2 78 (See Fig. 7) if the proposal was still available at the 3 time of submission. It is possible that a proposal could be 4 withdrawn from availability to a user while viewing the 5 Submit Proposal page 65. When the user then clicks on the 6 submit button 71, the user will receive an error message. 7 The error message may indicate that the proposal is no 8 longer available for acceptance or may simply instruct the 9 user to call the reinsurer to determine why an error message 10 was received. Such an error message may be a page (not 11 shown) which include a button to return the user to the 12 13 Proposals page 21 or other pages.

The acceptance confirmation page 78 includes a message 14 79 indicating the proposal has been accepted and the 15 contract closed. The acceptance confirmation page 78 16 provides a reinsurer reference number 80 which is assigned 17 to the policy or contract by the system server 15 upon 18 acceptance. Page 78 also includes a Print Premium Closing 19 button 82, a Print Covernote button 83, a Proposals button 2.0 84, an Agreements button 85 and a Logout button 86. 21 Clicking on the Print Covernote button 83 provides the 22

ceding company with the opportunity to print a copy of the

- 1 contract or policy corresponding to the accepted proposal on
- 2 a printer associated with the users computer 10. Clicking
- 3 on the Print Premium Closing button 82 provides the ceding
- 4 company with the opportunity to print a billing document for
- 5 the policy or contract indicating the amount of the premium
- 6 and indicating when it is due. The system server calculates
- 7 the premium upon submission of a proposal. In the example
- 8 shown, the premium is calculated by multiplying the selected
- 9 coverage amount (Limit Upfront) by the listed rate or
- 10 percentage identified as ROL Upfront.
- Clicking on the Proposals button 84 regenerates the
- 12 Proposals page 21. Clicking on the Agreements button 85
- generates or regenerates the agreements page 23, and
- 14 clicking on the Logout button 86 logs the user out of the
- 15 user specific pages, and returns the user to the login page
- 16 (not shown) or the Reinsurer's home page (not shown).
- 17 In addition to generating the acceptance confirmation
- 18 page 78, clicking the submit button 71 on the Submit
- 19 Proposal page 65, causes the system server 15 to perform
- 20 several other functions. Before describing these functions,
- 21 an overview of the agreements page 23 will be helpful.
- The Agreements page 23 (See Fig. 4) provides a listing

- 1 88 of each of the reinsurance agreements the specific user
- 2 or insurer (in this example XYZ, Inc.) has entered into with
- 3 the reinsurer. The listing 88 is generally presented in a
- 4 table format, with each row 90 summarizing the basic terms
- 5 of each separate agreement. Listing 88, in Fig. 4, includes
- 6 four agreements in rows 90a-d.
- 7 The first column 91 of each row includes a selection
- 8 button or icon 92 which can be clicked on to select the
- 9 agreement as summarized in that row 90. Specific
- 10 information or terms concerning each proposal are provided
- in remaining columns 95 under the appropriate headings,
- 12 including the "Class of Business" or line of insurance, the
- original loss warranty or "OLW" amount in millions of
- 14 dollars, the reinsurance amount or "Limit Upfront," the "ROL
- 15 Upfront" or rate on line upfront used in calculating the
- 16 premium, the "Cover Basis", the beginning date ("Term from")
- and ending date ("Term to") of the policy term, the
- 18 "Territory", the "Reinstatement" rate and the event
- 19 "Coverage". Additional columns could be added to include
- the reinsurer's and/or the user's reference number.
- 21 A Details button 96 is also provided on the Agreements
- 22 page 23. Clicking on the Details button 96, after selecting
- 23 an agreement by clicking on the corresponding selection

- 1 button 92, causes the server 15 to generate Agreement
- 2 Details pages (not shown) which are similar in appearance to
- 3 and provide much of the same information about the agreement
- 4 as is provided on a corresponding Proposal Details pages 40.
- 5 The Agreement Details pages provide a listing of the basic
- 6 terms of the specific agreement and a listing of headings
- 7 for the applicable clauses with an associated link to view
- 8 the specific wording of each clause.
- 9 In order to facilitate use of the interactive system 1,
- 10 it is to be understood that additional links may be included
- in the various pages generated. In particular, the button
- 12 bar 19 (shown in Fig. 2) preferably appears on or as part of
- 13 a frame surrounding each Proposals page 21 and each
- 14 Agreements page 23 generated.
- Referring again to Figures 3 and 4, Figure 3 shows the
- listing 28 of proposals available to the specific cedent,
- 17 XYZ, Inc., before submission of the selected proposal, which
- 18 appears at the top of the table. Similarly, Figure 4 shows
- 19 the listing 88 of agreements entered into between the
- 20 reinsurer and the specific cedent, XYZ, Inc., before
- 21 submission of the proposal shown as selected in Figure 3.
- When the user submits the selected proposal for
- 23 acceptance, by clicking on the submit button 71 on the

- 1 Submit Proposal page 65 (Fig. 6), the system server 15
- 2 withdraws or disassociates the relevant information for the
- 3 selected proposal from the proposals listing 28 (row 30a in
- 4 Fig. 3) and adds or associates the relevant information with
- 5 the agreements listing 88. Figures 8a and 8b show the
- 6 proposals page 21 as it appears after submission and
- 7 acceptance of the proposal shown selected in Figure 3. The
- 8 selected proposal from Figure 3 (row 30a), does not appear
- 9 in the listing 28 in Figures 8a and 8b. The absence of rows
- 10 30c and 30d in Figure 8a and the decrease in the maximum
- value of the Limits Upfront in rows 30c and 30d of Figure 8b
- 12 will be discussed below.
- Figure 9 shows the Agreements page 23 as it appears
- 14 after submission and acceptance of the proposal (row 30a)
- 15 shown selected in Figure 3. The resulting agreement has
- 16 been added to the listing 88 and appears as row 90e in Fig
- 9. If for any reason, problems are encountered in receiving
- the Acceptance Confirmation page 78 (Fig. 7), the user can
- 19 confirm whether submission of a proposal has been accepted
- 20 by viewing the Agreements page 23 to verify that the
- 21 resulting agreement appears in the listing 88 thereon.
- 22 Essentially simultaneously with generation of the
- 23 Acceptance Confirmation page 78 and transfer or

- 1 reassociation of the data associated with the accepted
- 2 proposal to the agreements page 23, the system server 15
- 3 recalculates the available allocated capacity. As noted
- 4 previously, the allocated capacity comprises the cedent
- 5 capacity for each of the cedents and the per occurrence
- 6 capacity. The available allocated capacity is recalculated
- 7 by reducing the values associated therewith in the system
- 8 server by the amount of capacity extended or utilized by the
- 9 proposal. The system server 15 then withdraws from
- 10 availability any proposals whose acceptance would reduce the
- 11 available allocated capacity below a selected amount. The
- 12 selected amount is generally zero.
- For example and referring to Figure 3, assume the
- 14 cedent capacity of XYZ, Inc. is eight million dollars
- 15 (\$8,000,000) and the selected amount below which the cedent
- 16 capacity cannot be reduced is zero. Acceptance of the
- 17 selected proposal in row 30a, with coverage in the amount of
- six million dollars (\$6,000,000), will reduce the available
- 19 cedent capacity of XYZ, Inc. to two million dollars
- 20 (\$2,000,000). The maximum value of coverage in the
- 21 proposals in rows 30b and 30e, of Fig. 2, do not exceed the
- 22 new cedent capacity of two million dollars. Therefore the
- 23 proposals in rows 30b and 30e will not be withdrawn from

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1 availability and will be included in the Proposals page 21

2 generated after acceptance of the proposal in row 30a.

3 The maximum value of coverage in the proposals in rows

4 30c and 30d in Figure 3 exceeds the currently available

5 cedent capacity of two million dollars. The system server

6 15 can be programmed to withdraw from availability to a

7 cedent any proposal whose maximum value of coverage exceeds

the then available cedent capacity. With the system 15 so

9 programmed, upon acceptance of the proposal in row 30a, the

10 proposals in rows 30c and 30d (each providing a maximum

11 coverage of four million dollars) would be withdrawn from

12 availability to cedent XYZ, Inc. and the Proposals page 21

generated thereafter would appear as shown in Figure 8a.

It is foreseen that the system server 15 could be programmed to reduce the maximum value of coverage of any remaining proposals for the cedent to the then available cedent capacity. With the system 15 so programmed, upon acceptance of the proposal in row 30a, the maximum value of

19 coverage (Limit Upfront) for the proposals in rows 30c and

20 30d would each be reduced to two million dollars, and the

Proposals page 21 generated thereafter would appear as shown

22 in Figure 8b.

For purposes of explaining the operation of the system 1 server 15 in withdrawing from availability proposals whose 2 acceptance would exceed the per occurrence capacity, assume 3 the initial capacity allocated by the reinsurer to aviation 4 proposals equivalent to the proposal shown in row 30a of 5 Figure 3, is thirty million dollars. The value for the 6 available per occurrence capacity entered into the system 7 server 15 for that proposal could be the number 5, to 8 correspond to the maximum number of such aviation proposals 9 the reinsurer can accept (based upon the maximum amount of 10 coverage available for each proposal). Upon acceptance of 11 such an aviation proposal, the value for the available per 12 occurrence capacity would be reduced by one. If the same 13 aviation proposal was initially made available to 10 14 cedents, once five accepted this proposal, the proposal 15 would be withdrawn from availability from the remaining five 16 and would not appear on their respective Proposals page 21. 17 It should be noted that the proposal may have been 18 previously withdrawn from availability from one of the 19 remaining five cedents if acceptance of the proposal by that 20 cedent would reduce that cedent's then available cedent 21 capacity below the selected amount. 22

The value of the available per occurrence capacity, in 1 the example provided, could also be initialized at thirty 2 million dollars with this value being reduced each time a 3 proposal is submitted and accepted by the maximum value of 4 the Limit Upfront, or six million dollars. Again, once five 5 such proposals are accepted, any remaining proposals will be 6 withdrawn from availability. 7

It is also foreseen that with the value of the

8 available per occurrence capacity initialized at thirty 9 million dollars, the available per occurrence capacity would 10 be reduced by the selected value of coverage or limit 11 upfront upon the acceptance of each submitted proposal. 12 such an application, the system server could be programmed 13 to reduce the maximum value of coverage of any remaining 14 proposals to the value of the recalculated or the then 15 available per occurrence capacity, if the maximum value of 16 the coverage would otherwise exceed the then available per 17 occurrence capacity. Continuing with the example above, if 18 proposals were accepted from three cedents submitting the 19 aviation proposal of row 30a with the maximum Limit Upfront 20 of six million dollars and from two cedents submitting the 21 same aviation proposal but with a reduced Limit Upfront of 22 four million dollars each, the system server 15 would then 23

- 1 reduce the maximum value of the coverage of any of the
- 2 remaining aviation proposals (like row 30a) to four million
- 3 dollars. Upon acceptance of one or more additional aviation
- 4 proposals whose combined coverage amount equals four million
- 5 dollars, any remaining aviation proposals corresponding to
- 6 the proposal of row 30a are withdrawn from availability.
- 7 It is to be understood that the programming logic
- 8 utilized in determining the value of the available allocated
- 9 capacity and whether acceptance of additional proposals
- 10 would reduce the available allocated capacity below a
- 11 selected amount could be varied. For example, using the
- 12 example above relating to cedent capacity, the server 15
- 13 could be programmed to set or establish a value for a
- 14 cedent's maximum capacity at ten million dollars. A value
- 15 for a utilized capacity could initially be set at zero.
- 16 Upon acceptance of a proposal utilizing five million dollars
- in capacity for the cedent, the value of the utilized
- 18 capacity would be increased to five million dollars. The
- 19 server would then withdraw from availability any proposals
- 20 whose acceptance would increase the utilized capacity above
- 21 the maximum capacity.
- It is to be understood that the steps of setting a
- value for a cedent's maximum capacity and setting an initial

- 1 value for a utilized capacity (i.e. at zero) is the same as
- 2 or equivalent to initializing or establishing on the server
- 3 a value for an available risk assumption capacity. It is
- 4 also to be understood that the step of increasing the
- 5 utilized capacity upon acceptance of a proposal is the same
- 6 as or equivalent to recalculating the available risk
- 7 assumption capacity upon acceptance of an offer. Further,
- 8 it is to be understood that the step of withdrawing from
- 9 availability any proposals whose acceptance would increase
- 10 the utilized capacity above the maximum capacity is the same
- 11 as or the equivalent to the step of withdrawing from
- 12 availability any proposals whose acceptance would reduce the
- 13 available risk assumption capacity, as recalculated, below a
- 14 selected amount.
- The available capacity generally refers to the maximum
- 16 capacity less the utilized capacity. The selected amount
- 17 below which the available capacity cannot be reduced is
- 18 typically zero. In determining whether acceptance of a
- 19 proposal would increase the utilized capacity above the
- 20 maximum capacity, the program must first subtract the
- 21 utilized capacity from the maximum capacity which is the
- 22 same as recalculating the available capacity which would
- 23 result from acceptance of the proposal. Determining whether

1 the increase in the utilized capacity will result in a value

- 2 which exceeds the maximum capacity is the same as
- 3 determining whether the corresponding reduction in the value
- 4 of the available capacity will reduce that value below the
- 5 selected value, zero.
- 6 It is to be understood that as used herein reference to
- 7 the step of withdrawing a proposal from availability should
- 8 be interpreted broadly enough to incorporate the step of
- 9 reducing the maximum value of coverage for any one proposal
- 10 at least to the then current value for available capacity,
- including either cedent capacity or per occurrence capacity.
- In the system and method as described with reference to
- 13 the sales of original loss warranty type reinsurance, the
- 14 method is generally utilized on an annual basis. The
- 15 reinsurer calculates and allocates its capacity on an annual
- 16 basis and reinitializes values for the per occurrence and
- 17 cedent capacities in the system server 15 at the beginning
- 18 of every year. Once a cedent's allocated cedent capacity is
- 19 utilized, the cedent cannot purchase additional reinsurance
- 20 through the system until the next year. Once the per
- 21 occurrence capacity for a particular proposal is utilized,
- 22 no additional policies for that proposal can be sold until
- 23 the following year.

1 However, it is to be understood that the system server

- 2 15 could be programmed to permit the reinsurer to
- 3 reinitialize the values for the available allocated
- 4 capacities at any time. It is foreseeable, that the system
- 5 could be utilized to increase or decrease the available
- 6 allocated capacity at any time (if regulations would permit)
- 7 depending on various factors including the reinsurer's and
- 8 cedents' changing financial conditions. The system server
- 9 15 could be programmed to automatically make available upon
- 10 an increase in available allocated capacity of proposals
- 11 which were previously withdrawn or new proposals added to
- 12 the system.
- 13 Figure 10 comprises a flow chart summarizing the main
- 14 steps of the present invention. Block 108 corresponds to
- 15 the step of identifying and enrolling potential customers or
- 16 cedents to utilize the interactive system 1. Block 110
- 17 corresponds to the step of formulating or developing risk
- 18 assumption proposals, which can occur simultaneously with or
- 19 even before the step of identifying and enrolling potential
- 20 customers as shown in block 108. Block 112 corresponds to
- 21 the step of posting on a secure server proposals which are
- 22 to be made available to selected cedents. Risk capacity is

- allocated to the proposals and the cedents as shown by block
- 2 114 and initialized on the server.
- 3 Block 116 corresponds to the step of selecting and
- 4 electronically submitting a proposal by a cedent utilizing
- 5 the interactive system 1. Generation of an electronic
- 6 acceptance confirmation message by the system server 15 upon
- 7 submission of a proposal is shown by Block 118. Upon
- 8 acceptance of a proposal, the data associated with the
- 9 accepted proposal is transferred to or included in a list of
- 10 agreements as indicated by block 120. Simultaneously
- 11 therewith, the system server recalculates the allocated risk
- 12 capacity as shown by block 122. The server 15 then
- determines whether the required capacity of any remaining
- 14 proposals exceeds the allocated risk capacity as
- 15 recalculated, as represented by the decision block 124. The
- 16 remaining proposals whose required capacity exceeds the
- 17 allocated risk capacity are electronically withdrawn from
- 18 availability as shown by block 126. The steps of the method
- 19 are then repeated from the point where proposals are
- 20 submitted by cedents as represented by block 116.
- It is to be understood that while certain forms of the
- 22 present invention have been illustrated and described

- 1 herein, it is not to be limited to the specific forms or
- 2 arrangement of steps described and shown.

C L A I M S

What is claimed is as follows:

- 1. A method for a risk carrier to assume monetary risks from a plurality of risk cedents, comprising the steps of:
 - (a) posting on a server a plurality of proposals to assume selected risks of respective risk cedents such that said proposals are viewable through a computer network;
 - (b) initializing on said server an available risk assumption capacity of said risk carrier associated with said proposals;
 - (c) enabling electronic submission by any one of said cedents of one of said proposals associated therewith as an offer for acceptance by said risk carrier;
 - (d) electronically accepting, by said risk carrier, said offer submitted by one of said risk cedents;
 - (e) electronically recalculating said available risk assumption capacity upon accepting said offer; and

- (f) electronically withdrawing from availability any of said proposals whose acceptance would reduce said available risk assumption capacity, as recalculated, below a selected amount.
- 2. The method as in Claim 1 further comprising the step of:
 - (a) electronically providing confirmation of acceptance of said offer to said cedent which submitted said offer.
- 3. The method as in Claim 1 further comprising the step of:
 - (a) posting said offer which was accepted on said server so as to be viewable by said cedent which submitted said offer.
- 4. The method as in Claim 1 wherein:
 - (a) said step of providing access through said computer network includes limiting access of each of said cedents to view only said proposals which are specific to said cedent.

- 5. A method for a risk carrier to assume monetary risks from a plurality of risk cedents, comprising the steps of:
 - (a) posting on a server a proposal to assume a monetary risk of selected risk cedents such that said proposal is viewable by said selected risk cedents through a computer network;
 - (b) initializing on said server an available risk assumption capacity of said risk carrier to accept said proposal from said selected risk cedents;
 - (c) enabling electronic submission by any one of said selected risk cedents of said proposal as an offer for acceptance by said risk carrier;
 - (d) electronically accepting, by said risk carrier, said offer submitted by one of said selected risk cedents;
 - (e) electronically recalculating said available risk assumption capacity upon accepting said offer; and
 - (f) electronically withdrawing said proposal from availability if further acceptance of said proposal would reduce said available risk assumption capacity, as recalculated, below a selected amount.

- 6. The method as in Claim 5 further comprising the step of:
 - (a) electronically providing confirmation of acceptance of said offer to said cedent which submitted said offer.
- 7. The method as in Claim 5 further comprising the step of:
 - (a) posting said offer which was accepted on said server so as to be viewable by said cedent which submitted said offer.
- 8. A method for ceding a plurality of monetary risks from a risk cedent to a risk carrier, comprising the steps of:
 - (a) posting on a server a plurality of proposals to assume a plurality of risks of said cedent such that said proposals are viewable by said cedent through a computer network;
 - (b) initializing on said server an available risk assumption capacity for an amount of risk said risk carrier will assume from said risk cedent;

- (c) enabling electronic submission by said cedent of any one said proposals as an offer for acceptance by said risk carrier;
- (d) electronically accepting, by said risk carrier,said offer submitted by said cedent;
- (e) electronically recalculating said available risk assumption capacity upon accepting said offer; and
- (f) electronically withdrawing any of said proposals which have not been submitted for acceptance and whose acceptance would reduce said available risk assumption capacity, as recalculated, below a selected amount.
- 9. The method as in Claim 8 further comprising the step of:
 - (a) electronically providing confirmation of acceptance of said offer to said cedent.
- 10. The method as in Claim 8 further comprising the step of:
 - (a) posting said offer which was accepted on said server so as to be viewable by said cedent.

- 11. A method for a reinsurer to sell reinsurance to a plurality of selected cedents, comprising the steps of:
 - (a) evaluating an insurance portfolio of each of a plurality of cedents;
 - (b) developing proposals to reinsure selected insurance portfolios of said selected cedents;
 - (c) posting said proposals on a server such that said proposals are viewable through a computer network;
 - (d) initializing on said server an available reinsurance capacity of said reinsurer to accept said proposals;
 - (e) providing access through said computer network to said selected cedents to view said proposals;
 - (f) enabling electronic submission by any one of said selected cedents of one of said proposals as an offer for acceptance by said reinsurer;
 - (g) receiving said offer from said cedent by said reinsurer;
 - (h) electronically accepting, by said reinsurer, said offer from said cedent;
 - (i) electronically recalculating said available reinsurance capacity upon accepting said offer;and

- (j) electronically withdrawing any of said proposals whose acceptance would reduce said available reinsurance capacity, as recalculated, below a selected amount.
- 12. The method as in Claim 11 further comprising the step of:
 - (a) electronically providing confirmation of acceptance of each of said offers to said cedent which submitted said offer.
- 13. The method as in Claim 11 further comprising the step of:
 - (a) posting each of said offers which are accepted on said server so as to be viewable by said cedent which submitted said offer.
- 14. The method as in Claim 11 wherein:
 - (a) said step of providing access through said computer network includes limiting access of each of said selected cedents to view only said proposals which are specific to said selected cedent.

- 15. The method as in Claim 11 wherein said proposals include an amount of coverage corresponding to a maximum amount of coverage to be provided and said method further comprises the steps of:
 - (a) enabling said cedents to electronically decrease said amount of coverage of one of said proposals before submission of said proposal for acceptance; and
 - (b) electronically calculating a premium based on said amount of coverage selected by said cedent.
- 16. A method for a reinsurer to sell reinsurance for a plurality of classes of insurance to a plurality of cedents, comprising the steps of:
 - (a) developing, for each of said classes of insurance, a proposal to reinsure insurance portfolios of said cedents;
 - (b) posting said proposals on a server such that selected ones of said proposals are viewable by selected ones of said cedents through a computer network;

- (c) initializing on said server an available cedent capacity for each of said cedents and an available per occurrence capacity for each of said proposals;
- (d) enabling electronic submission by any one of said cedents of one of said proposals associated therewith as an offer for acceptance by said reinsurer;
- (e) electronically accepting by said reinsurer said offer submitted by one of said selected cedents;
- (f) electronically recalculating said available cedent capacity of said cedent and said available per occurrence capacity of said proposal upon accepting said offer; and
- (g) electronically withdrawing from availability any of said proposals whose acceptance would reduce said available cedent capacity or said available per occurrence capacity, as recalculated, below a selected amount.

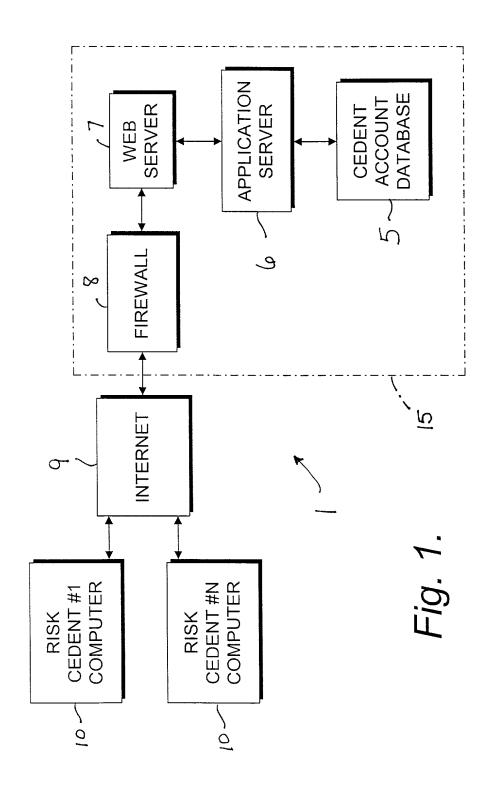
- 17. The method as in Claim 16 further comprising the step of:
 - (a) electronically providing confirmation of acceptance of said offer to said cedent which submitted said offer.
- 18. The method as in Claim 16 further comprising the step of:
 - (a) posting said offer which was accepted on said server so as to be viewable by said cedent which submitted said offer.
- 19. The method as in Claim 16 wherein:
 - (a) said step of providing access through said computer network includes limiting access of each of said cedents to view only said proposals which are specific to said cedent.

- 20. The method as in Claim 16 wherein said proposals include an amount of coverage corresponding to a maximum amount of coverage to be provided and said method further comprises the steps of:
 - (a) enabling said cedents to electronically decrease said amount of coverage of one of said proposals before submission of said proposal for acceptance; and
 - (b) electronically calculating a premium based on said amount of coverage selected by said cedent.

Abstract of the Disclosure

An interactive system and method of selling reinsurance involves preliminary steps of enrolling a plurality of primary insurers or cedents to use the system, formulating reinsurance proposals to make available to the cedents through the interactive system, posting the proposals on a secure server in the system and calculating and allocating risk capacity to the proposals and cedents. Each cedent is provided secure access to a list of proposals being made available to it. Upon selection and submission of a proposal by a cedent, the system server generates an acceptance notice, transfers the information on the proposal to a listing of agreements entered into by that cedent, recalculates the available allocated capacity and withdraws from availability any proposals whose acceptance would reduce the available allocated capacity below a selected amount.

+



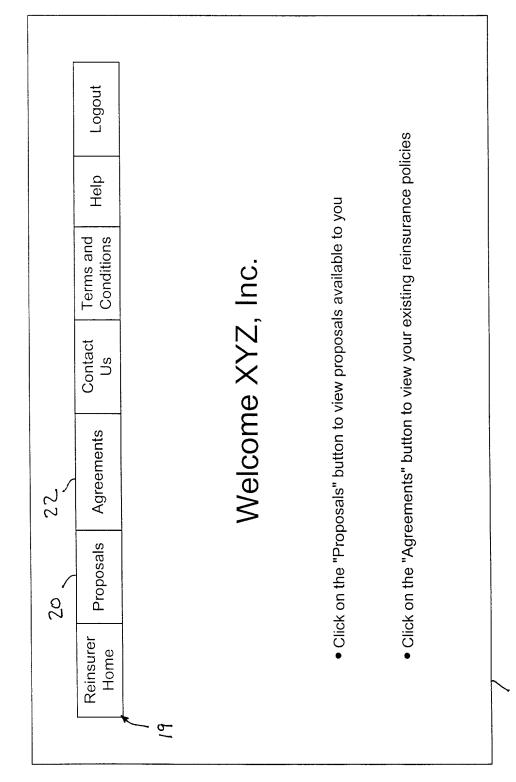


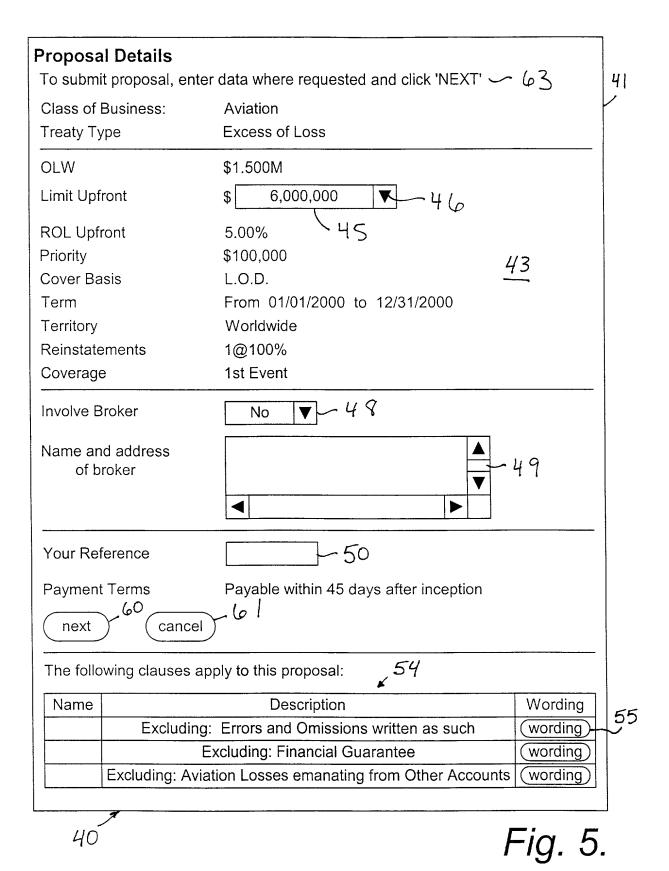
Fig. 2.

Class of OLW Limit ROL Cover Term to Term to Territory Reinstate Coverage Business \$M\$ upfront Upfront Basis from to Aviation 1,500 6,000,000 5,00% L.O.D. 01/01/00 12/31/00 World 1@100% 1st Event 30a	o U	(Ú						35			
Class of Business \$M Limit Upfront Upfront Basis ROL Basis from to Business Territory Reinstate from to Business Territory Reinstate from to Business Coverage from to Business © Aviation 1,500 6,000,000 5.00% L.O.D. 01/01/00 12/31/00 World 1@100% 1st Event 1@100% © Energy/Marine 5,000 4,000,000 15.00% L.O.D. 01/01/00 12/31/00 Lord Europe 1@100% 1st Event 1@100% © Non-Marine 800 4,000,000 15.00% L.O.D. 01/01/00 12/31/00 USA 1@100% 1st Event 1@100% © Space 250 2,000,000 30.00% L.O.D. 01/01/00 12/31/00 Vehicle Vehicle 1@100% 1st Event 1% 1 Event 1% 1% 1% 1% 1% 1% 1% 1% 1% 1% 1% 1% 1%		7	$\cap \overline{}$		Pro	posals tc	XYZ, Inc.					_
Aviation 1,500 6,000,000 5.00% L.O.D. 01/01/00 12/31/00 World 1@100% 1st Event O Energy/Marine 5,000 4,000,000 15.00% L.O.D. 01/01/00 12/31/00 Europe 1@100% 1st Event O Non-Marine 800 4,000,000 15.00% L.O.D. 01/01/00 12/31/00 USA 1@100% 2nd Event O Space 250 2,000,000 30.00% L.O.D. 01/01/00 12/31/00 Vehicle 1@100% 1st Event Only	31	Class of Business	OLW \$M	Limit Upfront	ROL Upfront	Cover Basis	Term	Term	Territory	Reinstate	Coverage	
O Energy/Marine 5,000 4,000,000 15.00% L.O.D. 01/01/00 12/31/00 Europe 1@100% 1st Event O Energy/Marine 800 4,000,000 15.00% L.O.D. 01/01/00 12/31/00 USA 1@100% 2nd Event O Space 250 2,000,000 30.00% L.O.D. 01/01/00 12/31/00 Only Only Only Only Only Only Only Only			1,500	6,000,000	2.00%	L.O.D.	01/01/00	12/31/00	World	1@100%	1st Event	8
Definition 5,000 4,000,000 35.00% L.O.D. 01/01/00 12/31/00 Europe 1@100% 1st Event 1.0.D. 01/01/00 12/31/00 USA 1.0.D. 1st Event 1.0.D. 01/01/00 12/31/00 1.0.D. 01/01/00 12/31/00 1.0.D. 01/01/00 1.0	14	Aviation	800	1,000,000	15.00%	L.O.D.	01/01/00	12/31/00	World	1@100%	1st Event	30b
Non-Marine 800 4,000,000 15.00% L.O.D. 01/01/00 12/31/00 USA 1@100% 2nd Event Space 250 2,000,000 30.00% L.O.D. 01/01/00 12/31/00 Vehicle Only 1st Event 36 Details Refresh 37 37	- 1		5,000		35.00%	L.O.D.	01/01/00	12/31/00	Europe	1@100%	1st Event	30c
Space 250 2,000,000 30.00% L.O.D. 01/01/00 12/31/00 Vehicle Only 18 Event 36 Details Refresh 37	10		800		15.00%		01/01/00	12/31/00	USA	1@100%	2nd Event	300
— Details Refresh —			250			L.O.D.	01/01/00	12/31/00	Launch Vehicle Only	1@100%	1st Event	306
				36 —	Details		Ref	fresh	37			

Fig. 3.

			- 90a	906	40c	Pob			
		Coverage	2nd Event	1st Event	1st Event	1st Event			
		Reinstate	1@120%	1@100%	1@100%	1@100%			
t c		Territory	Europe	World	USA	Asia			
65		Term to	12/31/00	12/31/00	12/31/00	12/31/00			
	Agreements of XYZ, Inc.	Term	L.O.D. 01/01/00	L.O.D. 01/01/00	L.O.D. 01/01/00	L.O.D. 01/01/00	ails		
	ements	Cover Basis	L.O.D.	L.O.D.	L.O.D.	L.O.D.	Details		
	Agre	ROL Upfront	36.75% (w/5% Brkrg)	25.00%	15.00%	12.50%	- 9,6		
05		Limit Upfront	5,000 9,000,000	1,000,000	1,000,000	1,000,000	and the state of t		
	-	OLW \$M	5,000	009	800	1,000			
		Class of Business	Aviation	Aviation	Non-Marine	Energy/Marine	The state of the s	72	
88	7	5	726	0	0	0			

Fig. 4.



Please check the general	terms once again and click 'submit' to bir	id coverage.
Class of Business:	Aviation	
Treaty Type	Excess of Loss 75	
OLW	\$1.500M	
Limit Upfront	\$ 6,000,000	
ROL Upfront	5.00%	
Priority	\$100,000	
Cover Basis	L.O.D.	68
Term	From 01/01/2000 to 12/31/2000	
Territory	Worldwide	
Reinstatements	1@100%	
Coverage	1st Event	
Involve Broker	No	
Your Reference	AV001	
Payment Terms	Payable within 45 days after inception	
submit back	cancel 73	
65		Fig.

Proposal Accepted/Contract Closed

Thank you for purchasing this Reinsurance.

Our Reference is: N/00007/99/0/00 ~ 80

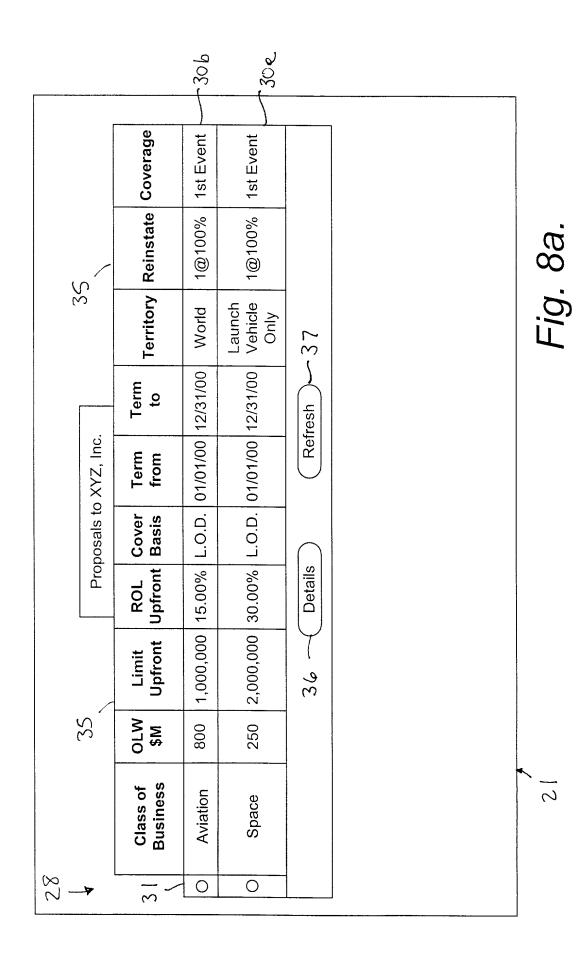
Click the "Print Premium Closing" button to print a billing document for the policy.

Click the "Print Covernote" button to print a copy of the policy.

Click the "Proposals button to view remaining proposals.

98 Logout Agreements 82 Proposals *h* 8 Print Covernote Print Premium Closing 28

Fig. 7.

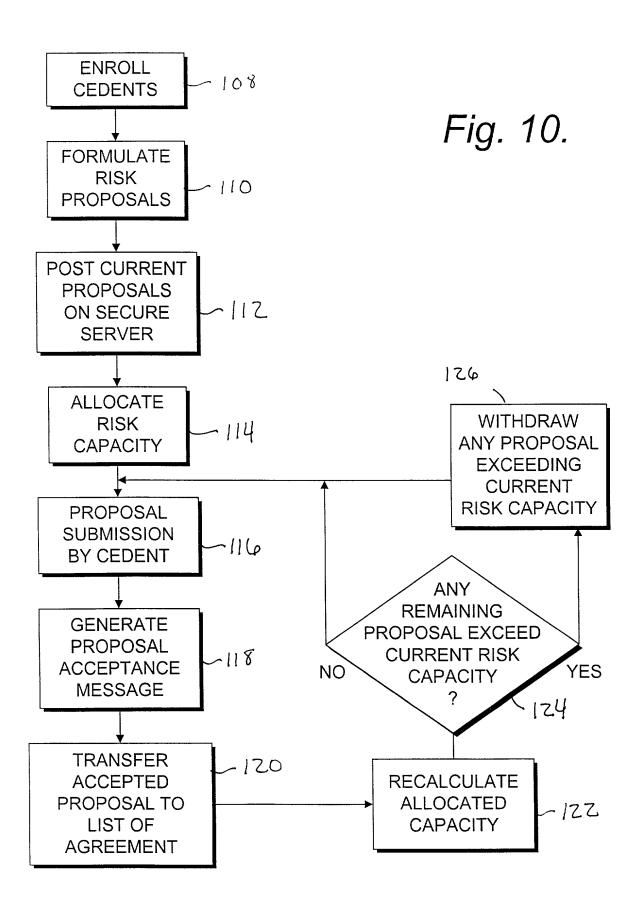


		-30b	30C	300	306		 	
	Coverage	1st Event	1st Event	2nd Event	1st Event			
	Territory Reinstate	1@100%	1@100%	1@100%	1@100%			
ا ا ا	Territory	World	Europe	USA	Launch Vehicle Only	.37		
	Term	12/31/00	12/31/00	12/31/00	12/31/00	Refresh		
Proposals to XYZ, Inc.	Term	01/01/00	01/01/00	L.O.D. 01/01/00 12/31/00	L.O.D. 01/01/00 12/31/00	Ref		
posals to	Cover Basis	L.O.D.	L.O.D.	L.O.D.	L.O.D.			
Pro	ROL Upfront	15.00%	35.00%	15.00%	30.00%	Details		
	Limit Upfront	1,000,000	2,000,000	2,000,000	2,000,000	36 (
35	OLW \$M	800	5,000	800	250			
A	Class of Business	Aviation	Energy/Marine	Non-Marine	Space			
<i>J</i> .	3	0	0	0	0			

Fig. 8b.

		age	ent 90a	ent 90b	ent 90 C	1st Event 90d	ent 90e				
		Coverage	2nd Event	1st Event	1st Event		1st Event				
ر م	2	Territory Reinstate Europe 1@120%		1@100%	1@100%	1@100%	1@100%				
				Territory	Europe	World	USA	Asia	World		
		Term to	12/31/00	12/31/00	12/31/00	12/31/00	12/31/00				
	Agreements of XYZ, Inc.	Term	L.O.D. 01/01/00	L.O.D. 01/01/00 12/31/00	L.O.D. 01/01/00	L.O.D. 01/01/00 12/31/00	L.O.D. 01/01/00	ails			
	ements	Cover Basis	L.O.D.		L.O.D.		L.O.D.	Details			
	Agre	ROL Upfront	36.75% (w/5% Brkrg)	25.00%	15.00%	12.50%	2.00%	96			
2					Limit Upfront	5,000 9,000,000	1,000,000	1,000,000	1,000,000	6,000,000	
6S			OLW \$M	5,000	009	008	1,000	1,500			
۰ _	7	Class of Business	Aviation	Aviation	Non-Marine	Energy/Marine	Aviation	25			
0 -	•	5-	. 0	0	0	0	0-				

Fig. 9.



DECLARATION AND POWER OF ATTORNEY FOR A PATENT APPLICATION

As a below named inventor, I hereby declare that:

My residence, post office address and citizenship are as stated below next to my name.

I believe I am the original, first and sole inventor of the subject matter which is claimed and for which a patent is sought on the invention entitled INTERACTIVE SYSTEM AND METHOD FOR SELLING INSURANCE, the specification of which is attached hereto.

I hereby state that I have reviewed and understand the contents of the above-identified specification, including the claims, as amended by any amendment referred to above.

I acknowledge the duty to disclose information which is material to the patentability of this application in accordance with Title 37, Code of Federal Regulations, Sec. 1.56. (Under Sec. 1.56 information is material to patentability when it is not cumulative to information already of record before the Patent and Trademark Office with respect to the present application and it establishes either by itself or in combination with other information a prima facie case of unpatentability of a claim or it refutes or is inconsistent with a position taken in opposing an argument of unpatentability relied upon by the Patent and Trademark Office or in asserting an argument of patentability. Under this section a prima facie case of unpatentability is

established when the information compels a conclusion that a claim is unpatentable under the preponderance of evidence, burden-of-proof standard, giving each term in the claim its broadest reasonable construction consistent with the specification, and before any consideration is given to evidence which may be submitted in an attempt to establish a contrary conclusion of patentability.)

I hereby state that I do not know and do not believe that the invention was ever known or used in the United States of America before my invention thereof; that to the best of my knowledge and belief the invention has not been in public use or on sale in the United States of America more than one year prior to this application, or patented or described in any printed publication in any country before my invention thereof or more than one year prior to this application, or patented or made the subject of an inventor's certificate issued before the date of this application in any country foreign to the United States of America on an application filed by me or my legal representatives or assigns more than twelve months prior to this application; and that no application for patent or inventor's certificate on this invention has been filed in any country foreign to the United States of America prior to this application by me or my legal representatives or assigns.

I hereby appoint Malcolm A. Litman, Reg. No. 19,579; Gerald M. Kraai, Reg. No. 34,854; Mark E. Brown, Reg. No. 30,361; and

Kent R. Erickson, Reg. No. 36,793, all members of the bar of the State of Missouri, whose postal address is Litman, Kraai & Brown, L.L.C., 4700 Belleview, Suite 200, Kansas City, Missouri 64112, telephone (816) 931-1800 as my attorneys, with full power of substitution, to prosecute this application, to make alterations and amendments therein, to receive the patent, and to transact all business in the Patent Office connected therewith in my behalf.

I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further, that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code and that such willful false statements may jeopardize the validity of the application or any patent issued thereon.

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	Robert Klaus

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Citizenship:

Germany